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**Supplementary Information
Oral intervention**

**Presentation from
Northwatch**

In the Matter of

Ontario Power Generation Inc.

Proposed Environmental Impact Statement
for OPG's Deep Geological Repository
(DGR) Project for Low and Intermediate
Level Waste

Joint Review Panel

September 16 to October 12, 2013

**Renseignements supplémentaires
Intervention orale**

**Présentation de
Northwatch**

À l'égard de

Ontario Power Generation Inc.

Étude proposée pour l'énoncé des incidences
environnementales pour l'Installation de
stockage de déchets radioactifs à faible et
moyenne activité dans des couches géologiques
profondes

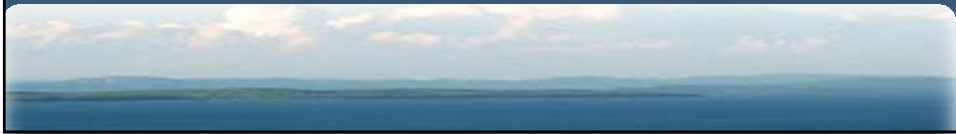
Commission d'examen conjoint

Du 16 septembre au 12 octobre 2013

Burying Uncertainty

Northwatch's General Submission
Presentation by Brennain Lloyd

Prepared for Northwatch
Review of Ontario Power Generation's Proposed Deep Geologic
Repository for Low and Intermediate Level Nuclear Wastes



Northwatch's Interests



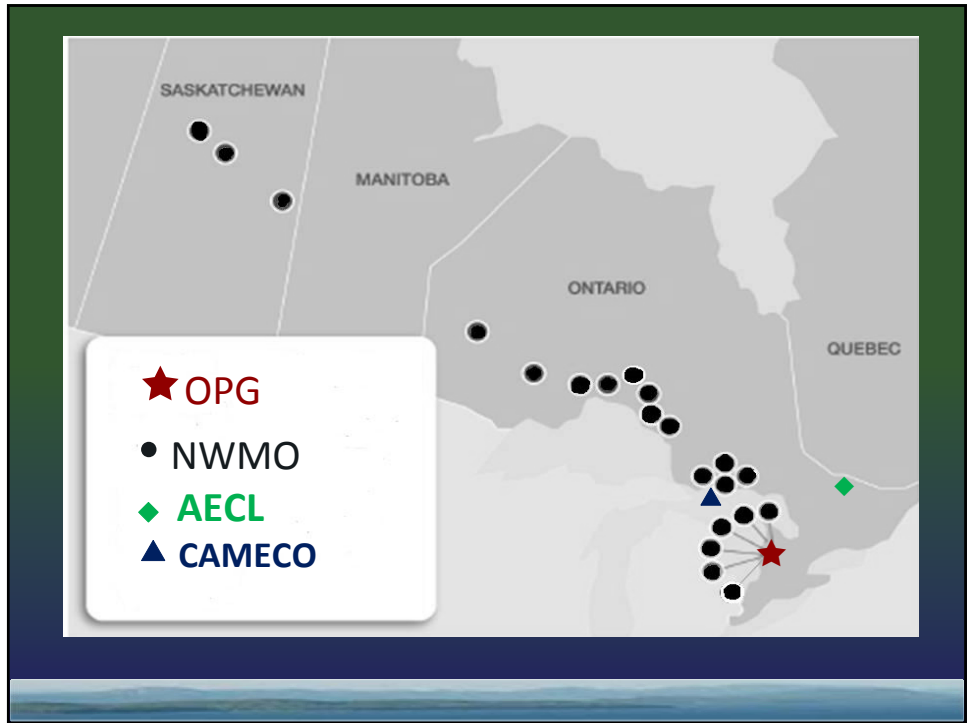
Summary of Key Findings

- Ontario Power Generation's key messages
- Ontario Power Generation's declared "need" for the Project
- Deficiencies in Ontario Power Generation's Application
- Northwatch's Key Finding

OPG's DGR "Project"

- The "Project" as Precedent
- The Project and its Evolution
- The Project Approval

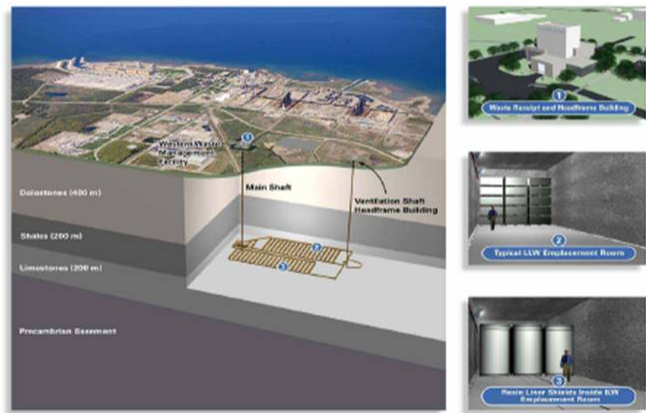




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ONTARIOPOWER
GENERATION

Proposed Deep Geologic Repository

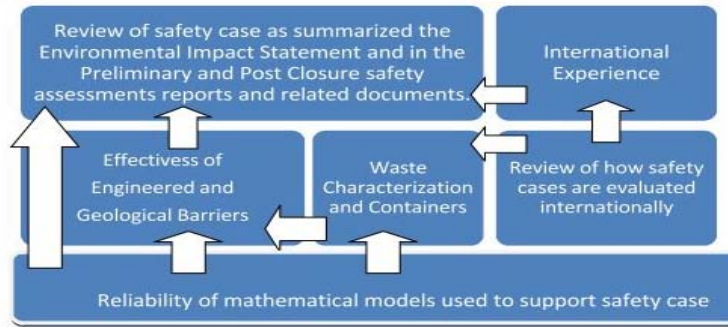


Review of OPG Applications and Project Proposal

- The Safety Case
- The Engineered and Geological Barriers
- Modeling the Undisturbed Hydrology of the Bruce Site
- Waste Characterization and Packaging
- International Experience
- Evaluating safety-cases for waste repositories

Northwatch Review of OPG's Deep Geological Repository

Objective: Review the safety and acceptability of the proposed Deep Geological Repository as a preferred means of managing low and intermediate level radioactive wastes generated at Ontario Power Generation owned or operating nuclear power reactors.



Additional Issues

- The Nature of the Waste
- The Evolving Waste Inventory
- Additional Issues



Conclusions

Key Finding

Ontario Power Generation has not provided the Joint Review Panel with a basis for approving the Environmental Assessment, the Application for a License to Prepare the Site, or the Application for a Licence to Construct the proposed Deep Geologic Repository for low and intermediate level radioactive wastes at and below the Bruce Nuclear Site

Conclusions

Subsequent to Northwatch's finding, and after considering all of the evidence and submissions of Ontario Power Generation and of the government, Aboriginal and public hearing participants, we request that the Joint Review Panel:

- Reject the Environmental Assessment (2011) prepared by Ontario Power Generation and submitted to this Review Process under the Canadian Environmental Assessment Act.
- Deny the application for a Licence to Prepare the Site and the application for a Licence to Construct submitted under the Nuclear Safety Control Act.

